

PROJECT DESCRIPTION

GENERAL:

THIS PROJECT INVOLVES THE INSTALLATION OF A NEW RIGHT TURN LANE FROM ENGLISH MUFFIN WAY AT MD 85. THIS IS LOCATED AT THE INTERSECTION OF MD 85 AND ENGLISH MUFFIN IN FREDERICK COUNTY.

MD 85 IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION:

THE INTERSECTION OPERATES A NEMA FOUR PHASE, FULL-ACTUATED MODE. MD 85 THROUGH MOVEMENTS OPERATE CONCURRENTLY, ENGLISH MUFFIN WAY THROUGH MOVEMENTS OPERATE CONCURRENTLY.

MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL:
104.00 - 30, 104.12 - 01, 104.13 - 01, 104.31 - 01, 104.32 - 01, 104.81- 02

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION.

ITEM NO.	QUANTITY	DESCRIPTION
973023	8 SF	SHEET ALUMINUM SIGNS R3-5 (30"x36") MAST ARM MOUNT

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	CATEGORY	QUANTITY CODE	DESCRIPTION
1001	120500	LS	MAINTENANCE OF TRAFFIC
8001	800000	1 EA	REALIGN AUTOSCOPE
8002	813015	5 SF	INSTALL OVERHEAD SIGN

EQUIPMENT LIST "C"

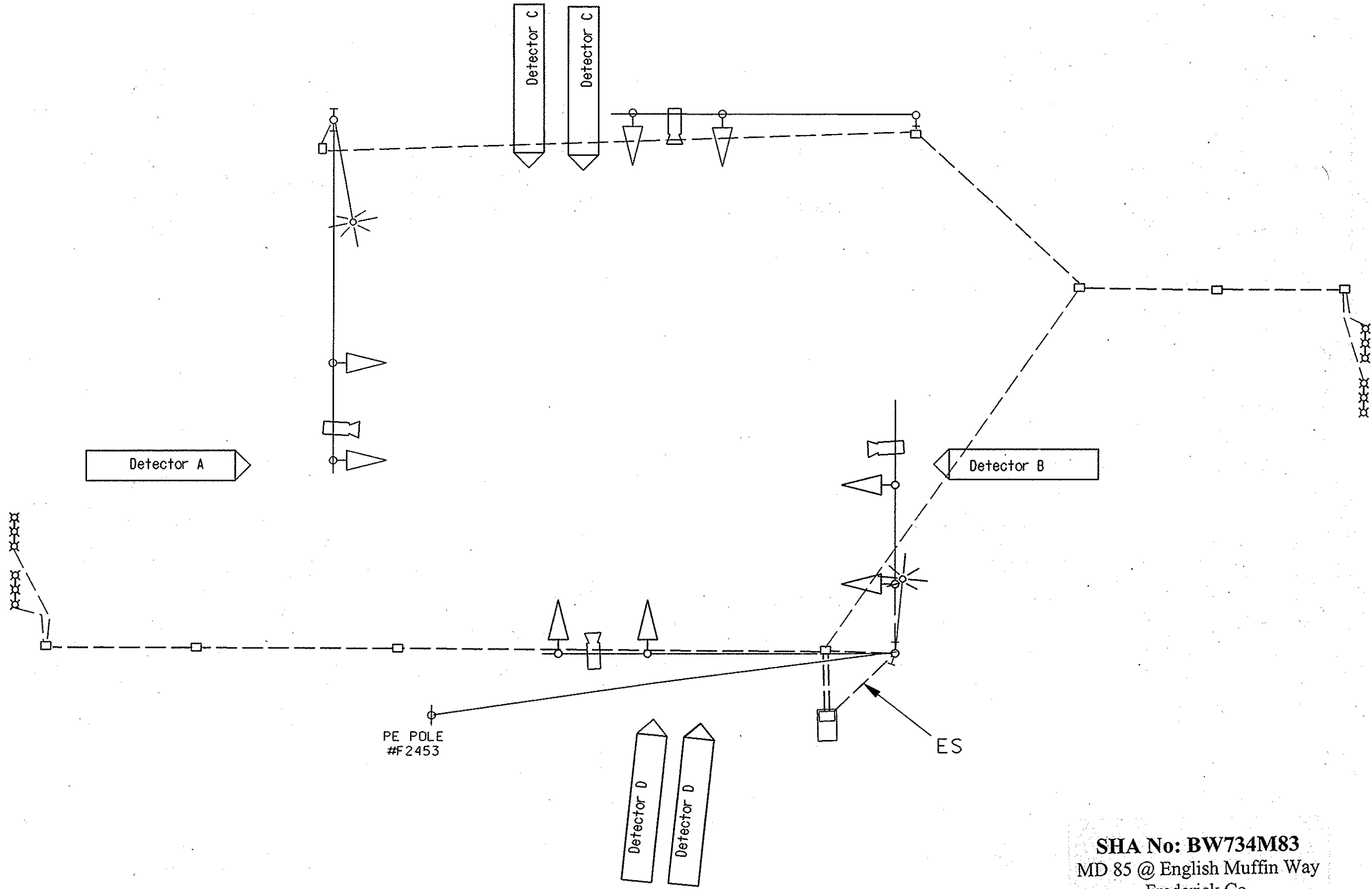
C. MATERIAL TO BE REMOVED AND RETURNED TO THE STATE HIGHWAY ADMINISTRATION ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

NONE

PHASE CHART

	1	2	3	4	5	6	7	8	
	R	R	R	R	R	R	R	R	
	Y	Y	Y	Y	Y	Y	Y	Y	
	G	G	G	G	G	G	G	G	
PHASE 2 + 6	G	G	G	G	R	R	R	R	↓
2 + 6 CHANGE	Y	Y	Y	Y	R	R	R	R	→
PHASE 4 + 8	R	R	R	R	G	G	G	G	↑
4 + 8 CHANGE	R	R	R	R	Y	Y	Y	Y	←
FLASHING	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	↕
OPERATION									↕

WIRING DIAGRAM



WIRING KEY

ES - EXISTING OVERHEAD SERVICE

SHA No: BW734M83
MD 85 @ English Muffin Way
Frederick Co.

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 85 (BUCKEYSTOWN PIKE) AND
ENGLISH MUFFIN WAY
BUCKEYSTOWN, MARYLAND

APPROVALS	REVISIONS	SCALE	DATE	CONTRACT NO.
TEAM LEADER		NONE	09/2005	
ASST. DIV. CHIEF		DESIGNED BY D.L.A.	COUNTY FREDERICK	
DIVISION CHIEF		DRAWN BY D.L.A.	LOGMILE 10085007.25	
OFFICE DIRECTOR		CHECKED BY T.M.H.	T.I.M.S. NO. N/A	
		F.A.P. NO. NONE	TOD NO. N/A	
		DRAWING NO.	OF	SHEET NO. OF

PLOTTED: FRIDAY, DECEMBER 16, 2005 AT 09:39 AM
FILE: Q:\TRANS\DWG\22246.01\TRAFFIC SIGNALS\PSG-P002.ENG.DGN

CENTURY
ENGINEERING
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MD 21204